

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001441**Date Inspected:** 15-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 600**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No			
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A
Bridge No:	34-0006	Component:	114 Meter Mock Up				

Summary of Items Observed:

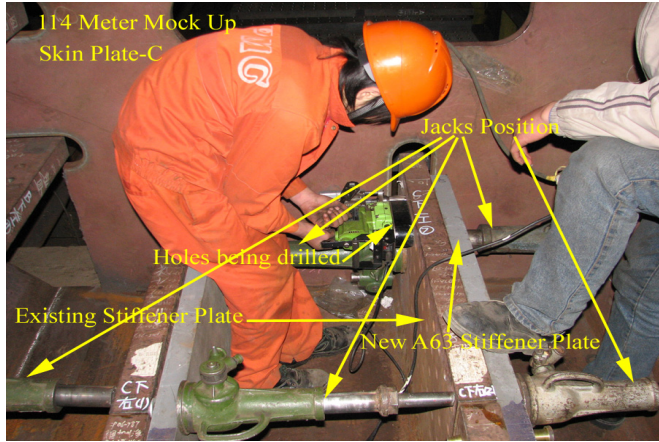
On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

114 Meter Mock Up, Lower section. Two A63 Longitudinal Stiffener Plates were bolted to the sides of the existing stiffener plates on Skin C utilizing the holes in the existing stiffener plates as a template to drill holes into the two A63 stiffener plates. The stiffener plates were stablelized by using four jacks that were stationed on the inside of the upper and lower sections on the existing stiffener plates prior to drilling the holes. There were four other A63 Longitudinal Stiffener Connection Plates that were having holes drilled as well. A template plate was being used only as a guide for the pilot holes then removed prior to completing the drilled hole.

A walk around to the various Zhenhau Port Machinery Company's (ZPMC) fabrication shops disclosed that no other work was being performed on the Caltrans San Francisco Oakland Bay Bridge project other than in Bay 1.

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Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Smith,David

Quality Assurance Inspector

Reviewed By: Cochran,Jim

QA Reviewer